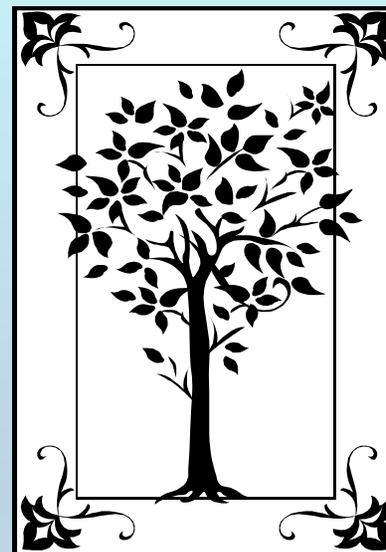


COMPOUND ENTRY tutorial #1:

Common Compounds

Guided Data Capture (GDC)



This tutorial demonstrates how to add most **COMPOUNDS** to your file within the Guided Data Capture (GDC) software.

❑ The *GDC* software includes a searchable database of more than 100,000 compound names.

This tutorial describes selection of compounds from the GDC database for entry in your data-capture file.

❑ Compounds **NOT** included in the *GDC* database **CAN BE** added, also. For detailed instructions on how to do this, see the tutorial:
COMPOUND ADDITION
(for compounds not listed in the *GDC* database)

Guided Data Capture - Thermophysical and Thermochemical Data

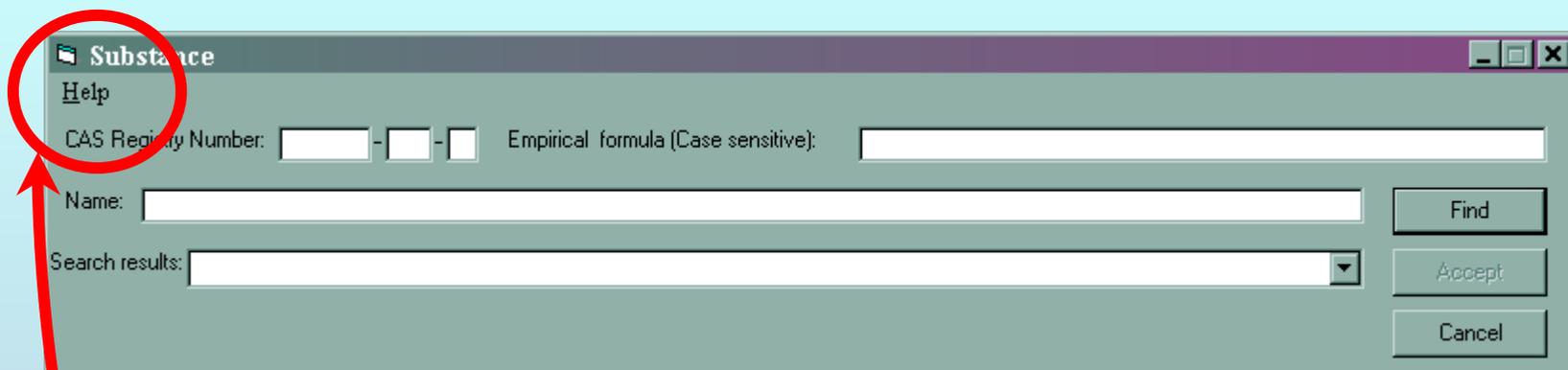
File Edit Tools Help

Reference Compound Sample Mixture Reaction Property Data Tables

2002 chi dik 0

1. SELECT (i.e., click once) the reference code

2. CLICK *Compound*



Note that HELP is available within the program.

Although not as detailed as this tutorial, HELP should describe most procedures adequately.

Search by Name, CASRN, or elemental formula

The screenshot shows a software window titled "Substance" with a "Help" button. It features three input fields: "CAS Registry Number" (with three separate boxes for digits), "Empirical formula (Case sensitive)", and "Name". Below these is a "Search results" field. On the right side, there are three buttons: "Find", "Accept", and "Cancel". The "Find" button is circled in blue. A blue arrow points from the "Find" button to the text "2. CLICK Find to do the search" in the bottom box. Three black arrows point from the text in the first box to the respective input fields: one to the CAS Registry Number boxes, one to the Empirical formula field, and one to the Name field.

1. **TYPE** the CASRN, **and/or** Elemental Formula, **and/or** Name:

(A) Elemental Formula

Enter the entire elemental formula or use wildcards (*)
(e.g., C₅H₅N, (NH₂)₂CO, C*H₁₀, C₅H₅*, *Cl₃)

(B) Name

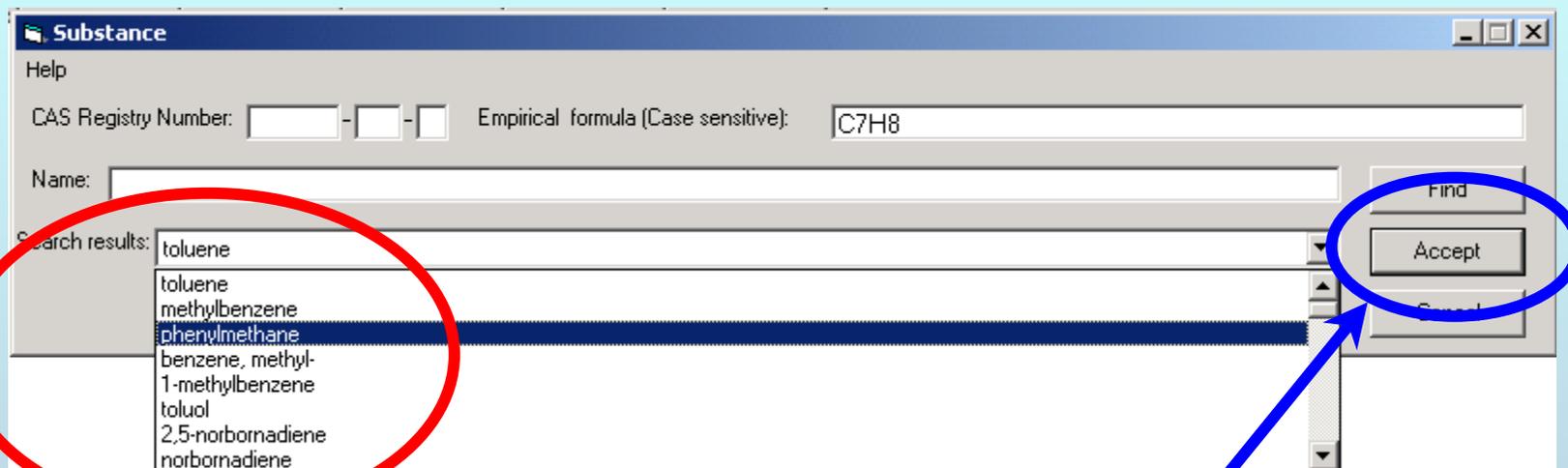
Enter the entire name or use wildcards (*)
(e.g., 2-methylpyridine, 2-methylp*, 2-*pyridine)

(C) CASRN

Enter the CASRN; the final digit is filled automatically.

2. **CLICK** *Find* to do the search

If a compound or compounds are found in the search:



1. SELECT your compound from the pulldown list of names and synonyms.

2a. CLICK *Accept* to add the compound to your file

2b. CLICK *Cancel* if yours is not listed.*

* See the tutorial **COMPOUND ADDITION** (for compounds not listed in the *GDC* database) to add an unlisted compound.

Guided Data Capture - Thermophysical and Thermochemical Data

Reference Compound Sample Mixture Reaction Property Data Tables

Substance

Help

CAS Registry Number: - - Empirical formula (Case sensitive):

Name:

Search results:

Find

Accept

Done

2002 chi dik 1
└ phenylmethane

The new compound *phenylmethane* now appears in the navigation tree.

Repeat the process to add more compounds.
CLICK *Done*, when finished.

Start | Eud... | Wel... | Guid... | Gett... | Com... | Cal... | Sub... | 4:04 PM

Guided Data Capture - Thermophysical and Thermochemical Data

File Edit Tools Help

Reference Compound Sample Mixture Reaction Property Data Tables

- 2002 chi dik 1
 - phenylmethane
 - benzene
 - hexane
 - cyclopentane

Any number of compounds can be added.

Start | [Icons] | Eud... | Wel... | Gui... | Gett... | Com... | Cal... | [Icons] | 4:21 PM

END

See the **SAMPLE Entry** tutorial to continue.